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NEWS 6	MAR 30	RDISCLOSURE reloaded with enhancements
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NEWS 13	MAY 08	CA/CAplus Indian patent publication number format defined
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NEWS 17	MAY 21	CA/CAplus enhanced with additional kind codes for German patents
NEWS 18	MAY 22	CA/CAplus enhanced with IPC reclassification in Japanese patents
NEWS 19	JUN 27	CA/CAplus enhanced with pre-1967 CAS Registry Numbers
NEWS 20	JUN 29	STN Viewer now available
NEWS 21	JUN 29	STN Express, Version 8.2, now available
NEWS 22	JUL 02	LEMBASE coverage updated
NEWS 23	JUL 02	LMEDLINE coverage updated
NEWS 24	JUL 02	SCISEARCH enhanced with complete author names
NEWS 25	JUL 02	CHEMCATS accession numbers revised
NEWS 26	JUL 02	CA/CAplus enhanced with utility model patents from China
NEWS 27	JUL 16	CAplus enhanced with French and German abstracts
NEWS 28	JUL 18	CA/CAplus patent coverage enhanced
NEWS 29	JUL 26	USPATFULL/USPAT2 enhanced with IPC reclassification
NEWS 30	JUL 30	USGENE now available on STN

NEWS EXPRESS 29 JUNE 2007: CURRENT WINDOWS VERSION IS V8.2,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
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FILE 'HOME' ENTERED AT 13:53:31 ON 02 AUG 2007

=> file medline embase biosis scisearch caplus
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FULL ESTIMATED COST 0.21 0.21

FILE 'MEDLINE' ENTERED AT 13:53:47 ON 02 AUG 2007

FILE 'EMBASE' ENTERED AT 13:53:47 ON 02 AUG 2007

FILE 'BIOSIS' ENTERED AT 13:53:47 ON 02 AUG 2007

FILE 'SCISEARCH' ENTERED AT 13:53:47 ON 02 AUG 2007

FILE 'CAPLUS' ENTERED AT 13:53:47 ON 02 AUG 2007

=> s CTL epitope
L1 6610 CTL EPITOPE

=> s l1 and KDR
L2 1 L1 AND KDR

=> d l2 cbib abs

L2 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN
2000:240985 Document No. 132:292701 Novel methods for therapeutic vaccination. Steinaa, Lucilla; Mouritsen, Soren; Nielsen, Klaus Gregorious; Haaning, Jesper; Leach, Dana; Dalum, Iben; Gautam, Anand; Birk, Peter; Karlsson, Gunilla (M & E Biotech A/S, Den.). PCT Int. Appl. WO 2000020027 A2 20000413, 220 pp. DESIGNATED STATES: W: AE, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 1999-DK525 19991005. PRIORITY: DK 1998-1261 19981005; US 1998-PV105011 19981020.

AB A method is disclosed for inducing cell-mediated immunity against cellular antigens. More specifically, the invention provides for a method for inducing cytotoxic T-lymphocyte immunity against weak antigens, notably self-proteins. The method entails that antigen presenting cells are induced to present at least one **CTL epitope** of the weak antigen and at the same time presenting at least one foreign T-helper lymphocyte epitope. In a preferred embodiment, the antigen is a cancer specific antigen, e.g. prostate specific membrane antigen (PSM), Her2, or FGF8b. The method can be exercised by using traditional polypeptide vaccination, but also by using live attenuated vaccines or nucleic acid vaccination. The invention furthermore provides immunogenic analogs of PSM, Her2 and FGF8b, as well as nucleic acid mols. encoding these analogs. Also vectors and transformed cells are disclosed. The invention also provides for a method for identification of immunogenic analogs of weak or non-immunogenic antigens.

```
=> s KDR
L3         9651 KDR

=> s l3 and nonopeptide
L4            0 L3 AND NONOPEPTIDE

=> s l3 and peptide
L5          637 L3 AND PEPTIDE

=> s l5 and CTL
L6            6 L5 AND CTL

=> dup reove l6
ENTER REMOVE, IDENTIFY, ONLY, OR (?):remove
'REOVE' IS NOT VALID.  VALID FILE NAMES ARE 'MEDLINE, EMBASE, BIOSIS, SCISEARCH,
CAPLUS'
You have entered a file name of duplicates to keep that is not
referenced by any of the L#s specified for this DUPLICATE command.
The file names of duplicates that can be kept are listed above.
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=> dup remove l6
PROCESSING COMPLETED FOR L6
L7            2 DUP REMOVE L6 (4 DUPLICATES REMOVED)

=> d l7 1-2 cbib abs

L7   ANSWER 1 OF 2     MEDLINE on STN                    DUPLICATE 1
2006075035.    PubMed ID: 16234362.   The kinase insert domain-containing
     receptor is an angiogenesis-associated antigen recognized by human
     cytotoxic T lymphocytes. Sun Yuansheng; Stevanovic Stefan; Song Mingxia;
     Schwantes Astrid; Kirkpatrick C James; Schadendorf Dirk; Cichutek Klaus.
     (Division of Medical Biotechnology, Paul-Ehrlich-Institute,
     Paul-Ehrlich-Str 51-59, D-63225 Langen, Germany.. sunyu@pei.de) . Blood,
     (2006 Feb 15) Vol. 107, No. 4, pp. 1476-83.  Electronic Publication:
     2005-10-18. Journal code: 7603509. ISSN: 0006-4971. Pub. country: United
     States. Language: English.
AB   Antigen-specific cancer immunotherapy directed toward tumor-nourishing
     angiogenic blood vessels holds the promise of high efficacy, low toxicity,
     and ease of application.  To evaluate whether the human angiogenic kinase
     insert domain-containing receptor (KDR) can serve as a target
     for cellular immunotherapy, 19 peptide sequences with HLA-A*0201
     motifs were selected by computer-based algorithms.  Five peptides
     (KDR82-90, KDR288-297, KDR766-774, KDR1093-1101, KDR1035-1044) stimulated
     specific cytotoxic T lymphocytes (CTLs) from peripheral-blood
     mononuclear cells (PBMCs) of 3 HLA-A*0201 donors.  The decapeptide
     KDR288-297 was efficient in sensitizing target cells for recognition by a
     CTL clone at a concentration of 10 nM.  More important,
     KDR288-297-specific CTLs lysed target cells transfected with
     HLA-A2/KDR cDNAs and a range of HLA-matched KDR+
     angiogenic endothelial cells (aECs) and also recognized CD34+ endothelial
     progenitor cells.  The specificity of CTLs was further confirmed
     by tetramer assay and cold-target inhibition assay.  In addition, ex vivo
     exposure of aECs to the inflammatory cytokines enhanced CTL
     reactivity, which is in keeping with up-regulated KDR and HLA
     class 1 expression.  In Matrigel assays, recognition of aECs by specific
     CTLs triggered an antivascular effect.  These findings provide the
     first proof of the antigenic property of KDR protein and may be
     useful for devising new immunotherapeutic approaches to human cancers.

L7   ANSWER 2 OF 2  CAPLUS  COPYRIGHT 2007 ACS on STN
2000:240985   Document No. 132:292701  Novel methods for therapeutic
     vaccination.  Steinaa, Lucilla; Mouritsen, Soren; Nielsen, Klaus
```

Gregorious; Haaning, Jesper; Leach, Dana; Dalum, Iben; Gautam, Anand; Birk, Peter; Karlsson, Gunilla (M & E Biotech A/S, Den.). PCT Int. Appl. WO 2000020027 A2 20000413, 220 pp. DESIGNATED STATES: W: AE, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 1999-DK525 19991005. PRIORITY: DK 1998-1261 19981005; US 1998-PV105011 19981020.

AB A method is disclosed for inducing cell-mediated immunity against cellular antigens. More specifically, the invention provides for a method for inducing cytotoxic T-lymphocyte immunity against weak antigens, notably self-proteins. The method entails that antigen presenting cells are induced to present at least one **CTL** epitope of the weak antigen and at the same time presenting at least one foreign T-helper lymphocyte epitope. In a preferred embodiment, the antigen is a cancer specific antigen, e.g. prostate specific membrane antigen (PSM), Her2, or FGF8b. The method can be exercised by using traditional polypeptide vaccination, but also by using live attenuated vaccines or nucleic acid vaccination. The invention furthermore provides immunogenic analogs of PSM, Her2 and FGF8b, as well as nucleic acid mols. encoding these analogs. Also vectors and transformed cells are disclosed. The invention also provides for a method for identification of immunogenic analogs of weak or non-immunogenic antigens.

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=> s (tahara h?/au or wada s?/au or tsunoda t?/au)
L8        12870 (TAHARA H?/AU OR WADA S?/AU OR TSUNODA T?/AU)

=> s l8 and KDR petpides
L9            0 L8 AND KDR PETPIDES

=> s l8 and KDR peptides
L10           0 L8 AND KDR PEPTIDES

=> s l8 adn KDR
MISSING OPERATOR L8 ADN
The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.

=> s l8 and KDR
L11           2 L8 AND KDR

=> dup remove l11
PROCESSING COMPLETED FOR L11
L12           2 DUP REMOVE L11 (0 DUPLICATES REMOVED)

=> d l12 1-2 cbib abs

L12  ANSWER 1 OF 2  CAPLUS  COPYRIGHT 2007 ACS on STN
2004:252541   Document No. 140:269532 KDR receptor-derived
     HLA-A*2402- and HLA-A*0201-binding epitopes for angiogenesis inhibition
     and as vaccines against cancer, diabetic retinopathy, chronic rheumatoid
     arthritis, psoriasis and atherosclerosis. Tahara, Hideaki;
     Wada, Satoshi; Tsunoda, Takuya (Oncotherapy Science,
     Inc., Japan). PCT Int. Appl. WO 2004024766 A1 20040325, 100 pp.
     DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ,
     CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
     GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
     LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH,
     PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA,
     UG, US, UZ, VC, VN, YU, ZA, ZM, ZW; RW: AT, BE, BF, BJ, CF, CG, CH, CI,
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CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (Japanese). CODEN: PIXXD2. APPLICATION: WO 2003-JP11722 20030912. PRIORITY: JP 2002-267285 20020912; JP 2003-62003 20030307; JP 2003-167042 20030611.

AB It is intended to provide a nonapeptide selected from among peptides comprising the amino acid sequences represented by SEQ ID NOS:2, 3, 5, 8, 11 and 12; a nonapeptide or a decapeptide selected from among peptides comprising the amino acid sequences represented by SEQ ID NOS:29, 30, 33, 34, 40 and 46; a peptide having an amino acid sequence derived from any of the above amino acid sequences by substitution or addition of one to several amino acids and being capable of inducing cytotoxic T cells; and drugs containing such a peptide for treating or preventing tumor. These **KDR** receptor-derived nona- and deca-peptides are HLA-A*2402-binding or HLA-A*0201-binding epitopes. These HLA-A*2402-binding and HLA-A*0201-binding epitope epitopes are useful for angiogenesis inhibition and as vaccines against cancer, diabetic retinopathy, chronic rheumatoid arthritis, psoriasis and atherosclerosis.

L12 ANSWER 2 OF 2 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
2003:441992 Document No.: PREV200300441992. Development of cancer immunotherapy against tumor angiogenesis. **Wada, Satoshi** [Reprint Author]; **Tsunoda, Takuya** [Reprint Author]; Baba, Toshiyuki [Reprint Author]; **Tahara, Hideaki** [Reprint Author]. Institute of Medical Science, University of Tokyo, Tokyo, Japan. Proceedings of the American Association for Cancer Research Annual Meeting, (July 2003) Vol. 44, pp. 167. print.
Meeting Info.: 94th Annual Meeting of the American Association for Cancer Research. Washington, DC, USA. July 11-14, 2003.
ISSN: 0197-016X. Language: English.

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=> d his

     (FILE 'HOME' ENTERED AT 13:53:31 ON 02 AUG 2007)

     FILE 'MEDLINE, EMBASE, BIOSIS, SCISEARCH, CAPLUS' ENTERED AT 13:53:47 ON
     02 AUG 2007
L1          6610 S CTL EPITOPE
L2             1 S L1 AND KDR
L3          9651 S KDR
L4             0 S L3 AND NONOPEPTIDE
L5           637 S L3 AND PEPTIDE
L6             6 S L5 AND CTL
L7             2 DUP REMOVE L6 (4 DUPLICATES REMOVED)
L8         12870 S (TAHARA H?/AU OR WADA S?/AU OR TSUNODA T?/AU)
L9             0 S L8 AND KDR PETPIDES
L10            0 S L8 AND KDR PEPTIDES
L11            2 S L8 AND KDR
L12            2 DUP REMOVE L11 (0 DUPLICATES REMOVED)

=> s l3 and peptide?
L13          637 L3 AND PEPTIDE?

=> s l13 and pd<20020912
   2 FILES SEARCHED...
   4 FILES SEARCHED...
L14          289 L13 AND PD<20020912

=> s k14 and T cell epitope
L15            0 K14 AND T CELL EPITOPE

=> s l13 and cytotoxic T cell
L16          2 L13 AND CYTOTOXIC T CELL

=> d l6 1-2 cbib abs
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L6 ANSWER 1 OF 6 MEDLINE on STN

2006075035. PubMed ID: 16234362. The kinase insert domain-containing receptor is an angiogenesis-associated antigen recognized by human cytotoxic T lymphocytes. Sun Yuansheng; Stevanovic Stefan; Song Mingxia; Schwantes Astrid; Kirkpatrick C James; Schadendorf Dirk; Cichutek Klaus. (Division of Medical Biotechnology, Paul-Ehrlich-Institute, Paul-Ehrlich-Str 51-59, D-63225 Langen, Germany.. sunyu@pei.de) . Blood, (2006 Feb 15) Vol. 107, No. 4, pp. 1476-83. Electronic Publication: 2005-10-18. Journal code: 7603509. ISSN: 0006-4971. Pub. country: United States. Language: English.

AB Antigen-specific cancer immunotherapy directed toward tumor-nourishing angiogenic blood vessels holds the promise of high efficacy, low toxicity, and ease of application. To evaluate whether the human angiogenic kinase insert domain-containing receptor (**KDR**) can serve as a target for cellular immunotherapy, 19 **peptide** sequences with HLA-A*0201 motifs were selected by computer-based algorithms. Five **peptides** (KDR82-90, KDR288-297, KDR766-774, KDR1093-1101, KDR1035-1044) stimulated specific cytotoxic T lymphocytes (**CTLs**) from peripheral-blood mononuclear cells (PBMCs) of 3 HLA-A*0201 donors. The decapeptide KDR288-297 was efficient in sensitizing target cells for recognition by a **CTL** clone at a concentration of 10 nM. More important, KDR288-297-specific **CTLs** lysed target cells transfected with HLA-A2/**KDR** cDNAs and a range of HLA-matched **KDR**+ angiogenic endothelial cells (aECs) and also recognized CD34+ endothelial progenitor cells. The specificity of **CTLs** was further confirmed by tetramer assay and cold-target inhibition assay. In addition, ex vivo exposure of aECs to the inflammatory cytokines enhanced **CTL** reactivity, which is in keeping with up-regulated **KDR** and HLA class 1 expression. In Matrigel assays, recognition of aECs by specific **CTLs** triggered an antivascular effect. These findings provide the first proof of the antigenic property of **KDR** protein and may be useful for devising new immunotherapeutic approaches to human cancers.

L6 ANSWER 2 OF 6 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN

2006082463 EMBASE The kinase insert domain-containing receptor is an angiogenesis-associated antigen recognized by human cytotoxic T lymphocytes. Sun Y.; Stevanovic S.; Song M.; Schwantes A.; Kirkpatrick C.J.; Schadendorf D.; Cichutek K.. Y. Sun, Division of Medical Biotechnology, Paul-Ehrlich-Institute, Paul-Ehrlich-Str 51-59, D-63225 Langen, Germany. sunyu@pei.de. Blood Vol. 107, No. 4, pp. 1476-1483 15 Feb 2006.
Refs: 43.
ISSN: 0006-4971. E-ISSN: 0006-4971. CODEN: BLOOAW
Pub. Country: United States. Language: English. Summary Language: English.
Entered STN: 20060316. Last Updated on STN: 20060316

AB Antigen-specific cancer immunotherapy directed toward tumor-nourishing angiogenic blood vessels holds the promise of high efficacy, low toxicity, and ease of application. To evaluate whether the human angiogenic kinase insert domain-containing receptor (**KDR**) can serve as a target for cellular immunotherapy, 19 **peptide** sequences with HLA-A*0201 motifs were selected by computer-based algorithms. Five **peptides** (**KDR**(82-90), **KDR** (288-297), **KDR**(766-774), **KDR**(1093-1101), **KDR** (1035-1044)) stimulated specific cytotoxic T lymphocytes (**CTLs**) from peripheral-blood mononuclear cells (PBMCs) of 3 HLA-A*0201 donors. The decapeptide **KDR** (288-297) was efficient in sensitizing target cells for recognition by a **CTL** clone at a concentration of 10 nM. More important, **KDR** (288-297)-specific **CTLs** lysed target cells transfected with HLA-A2/**KDR** cDNAs and a range of HLA-matched **KDR**(+) angiogenic endothelial cells (aECs) and also recognized CD34(+) endothelial progenitor cells. The specificity of **CTLs** was further confirmed by tetramer assay and cold-target inhibition assay. In addition, ex vivo exposure of aECs to the inflammatory cytokines

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```
=> s l14 and CTL
L17          1 L14 AND CTL

=> d l17 cbib abs

L17  ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2007 ACS on STN
2000:240985   Document No. 132:292701  Novel methods for therapeutic
     vaccination.  Steinaa, Lucilla; Mouritsen, Soren; Nielsen, Klaus
     Gregorious; Haaning, Jesper; Leach, Dana; Dalum, Iben; Gautam, Anand;
     Birk, Peter; Karlsson, Gunilla (M & E Biotech A/S, Den.).  PCT Int. Appl.
     WO 2000020027 A2 20000413, 220 pp.  DESIGNATED STATES: W:  AE,
     AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, CZ,
     DE, DE, DK, DK, DM, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID,
     IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG,
     MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ,
     TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU,
     TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR,
     GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG.
     (English).  CODEN: PIXXD2.  APPLICATION: WO 1999-DK525 19991005.
     PRIORITY: DK 1998-1261 19981005; US 1998-PV105011 19981020.
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     inducing cytotoxic T-lymphocyte immunity against weak antigens, notably
     self-proteins.  The method entails that antigen presenting cells are
     induced to present at least one CTL epitope of the weak antigen
     and at the same time presenting at least one foreign T-helper lymphocyte
     epitope.  In a preferred embodiment, the antigen is a cancer specific
     antigen, e.g. prostate specific membrane antigen (PSM), Her2, or FGF8b.
     The method can be exercised by using traditional polypeptide vaccination,
     but also by using live attenuated vaccines or nucleic acid vaccination.
     The invention furthermore provides immunogenic analogs of PSM, Her2 and
     FGF8b, as well as nucleic acid mols. encoding these analogs.  Also vectors
     and transformed cells are disclosed.  The invention also provides for a
     method for identification of immunogenic analogs of weak or
     non-immunogenic antigens.

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---Logging off of STN---


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=> LOG Y

COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                 ENTRY    SESSION
FULL ESTIMATED COST                              78.90      79.11

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)    SINCE FILE      TOTAL
                                                 ENTRY    SESSION
CA SUBSCRIBER PRICE                              -3.12      -3.12
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STN INTERNATIONAL LOGOFF AT 13:59:43 ON 02 AUG 2007